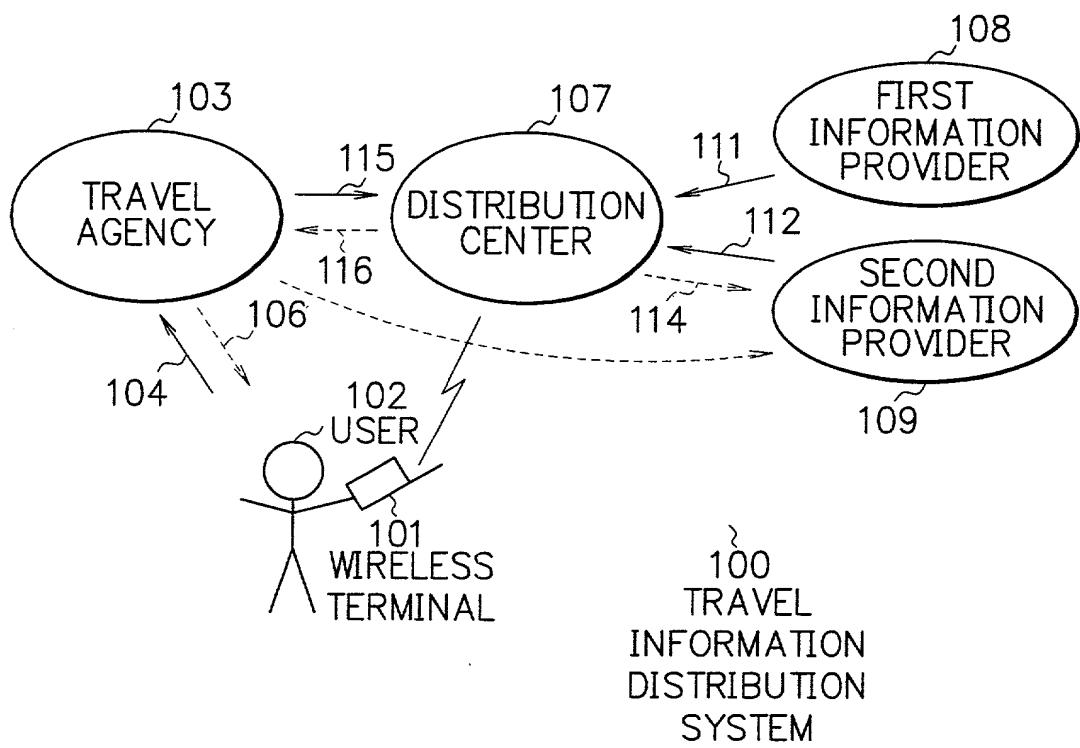


F I G. 1

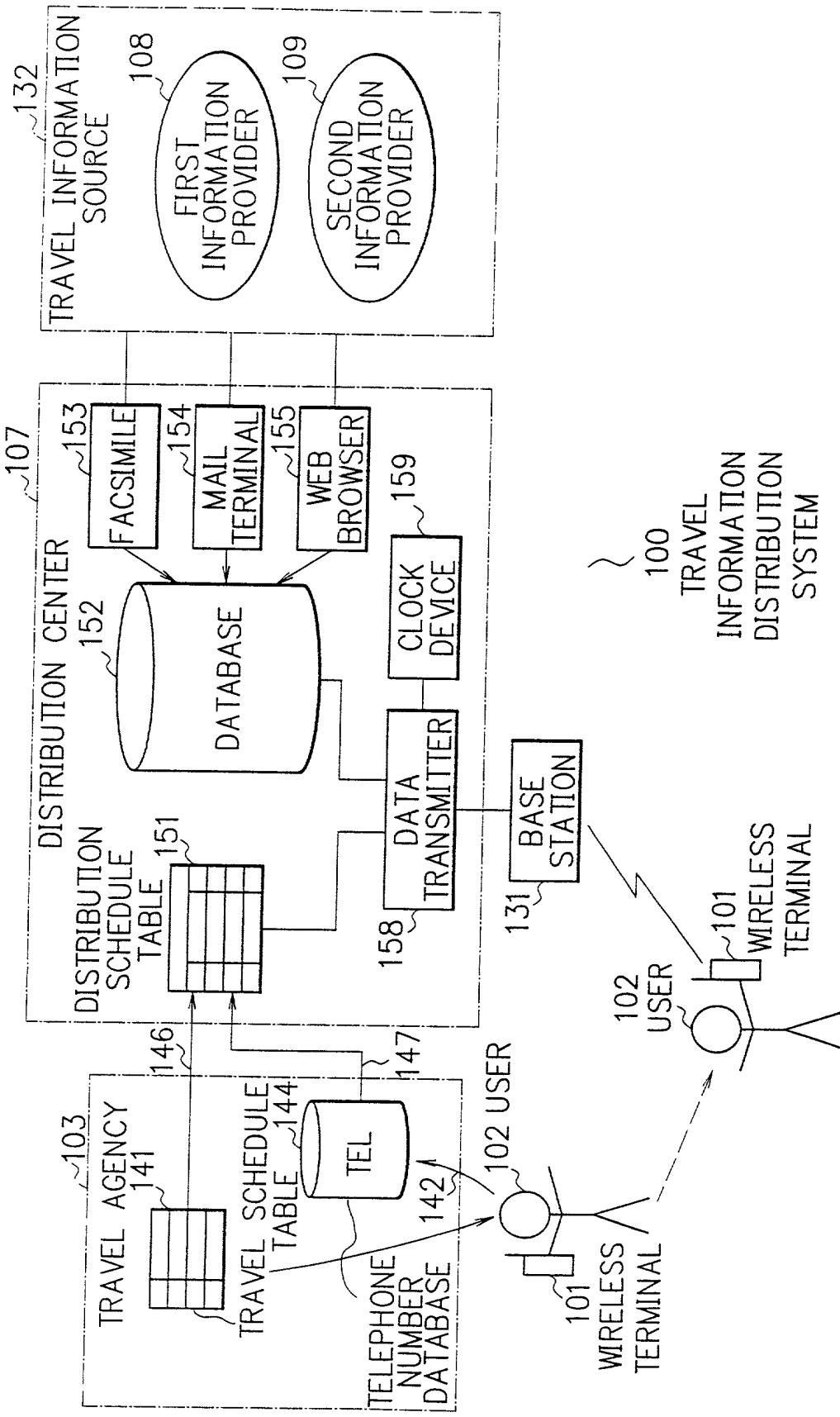


F I G. 2

Title: TRAVEL INFORMATION
DISTRIBUTION SYSTEM
Inventor(s): Yushi NIWA
DOCKET NO.: 072982/0219

| 121 DISTRIBUTION INFORMATION STORAGE AREA | | | |
|---|---|---|---|
| TRAVEL CODE NUMBER | NAME OF INFORMATION | DISTRIBUTION TIMING | CONTENT |
| 122 ~ | 125 ~ TRAVEL PLAN TABLE | BEFORE DEPARTURE, SCHEDULE CHANGE TIME | ELECTRONIC TRAVEL SCHEDULE TABLE ITSELF. |
| | 126 ~ EXPLANATION OF SIGHT SEEING PLACES | BEFORE ARRIVAL TO SIGHT SEEING PLACE | EXPLANATION OF SCHEDULED SIGHT SEEING PLACES. |
| | 127 ~ PHONE TO LODGING HOTEL | AFTER DEPARTURE UNTIL ARRIVAL | SOFTWARE SWITCH DIRECT PHONE TO LODGING HOTEL. |
| | 128 ~ PHONE TO TOUR CONDUCTOR | UNTIL DEPARTURE | SOFTWARE SWITCH DIRECT PHONE TO TERMINAL FOR TOUR CONDUCTOR. |
| 123 ~ FIRST INFORMATION SECTION | UNCHANGEABLE MAPS | JUST BEFORE ARRIVAL TO STOPPING PLACE | SKETCH MAP OF STOPPING PLACE (STATION, DRIVE-IN AND SO ON) MARK PLACE OF TOILET, MEETING PLACE. |
| | INFORMATION DETERMINED BEFORE DEPARTURE | JUST BEFORE ARRIVAL TO STOPPING PLACE | SIGHT SEEING MAP, SHOPPING MAP, LOCATION OF LODGING HOTEL. |
| | TOWN INFORMATION (GUIDE) | JUST BEFORE ARRIVAL TO STOPPING PLACE | EVENTS, FESTIVAL INFORMATION, TIME SALE. |
| | EVENTS INFORMATION | AFTER APPLICATION, ANY TIME | ADVERTISEMENT OF GIFT SHOPS. |
| | TIE-UP GIFT SHOPS INFORMATION | BEFORE ARRIVAL TO SHOP (SIGHT SEEING PLACE) | INTRODUCTION OF RECOMMENDED GOODS. |
| | GIFT ORDER FORM | BEFORE ARRIVAL TO SHOP | NOT FORGET GIFT SHOPPING IN TIE-UP GIFT SHOPS. |
| | TIME TABLE & FARE TABLE OF PUBLIC TRANSPORT | BEFORE USE OF CONCERNED TRANSPORT | SCHEDULED USE OF RAILWAY LINES, TIME TABLE & FARE TABLE. AVAILABLE WHEN ACCIDENT HAPPENS. |
| | SEAT NUMBERS OF BUS & TRAIN | UNTIL JUST BEFORE GET IN | SEAT NUMBERS & SKETCH MAP. |
| | CHANGEABLE ROOM ALLOCATION OF HOTELS & INNS INFORMATION | UNTIL JUST BEFORE ARRIVAL TO HOTEL | ROOM NUMBER ALLOCATION OF HOTEL. |
| | TONIGHT'S MENU | AFTER DEPARTURE UNTIL BEFORE LUNCH | MENU IN CASE OF DINNER IN HOTEL. CAN DETERMINE LUNCH MENU WITH THIS CONTENTS. |
| 124 ~ SECOND INFORMATION SECTION | GRADUALLY DETERMINED WEATHER & TEMPERATURE IN ACTUAL PLACES | UNTIL THE DAY BEFORE DEPARTURE | FORECAST WEATHER & TEMPERATURE IN EACH SIGHT SEEING PLACE, EACH STAYING PLACE. |
| | REGULATIONS INFORMATION | AS SOON AS YOU KNOW ANY TIME | TRAFFIC REGULATIONS INFORMATION IN EACH SIGHT SEEING PLACE, EACH STAYING PLACE. |

F I G. 3



F I G. 4

141

| | | | | | |
|------------------|-----------------------------------|----------------------|----------------------------------|----------------------------------|-------------|
| APRIL 6, 2000 | MEETING; 22:30 | UENO STATION | LIMITED EXPRESS HOKURIKU NO.7 | SLEEP IN TRAIN | |
| APRIL 7, 2000 | ARRIVE 6:00 | TOYAMA AT STATION | BUS 6:15 | NANAO HOT SPRING BREAKFAST | BUS 8:10 |
| APRIL 8, 2000 | WAJIMA HOTEL BREAKFAST 7:00 | | BUS 8:10 | WAJIMA HOTEL STAY | |
| | | | | | |

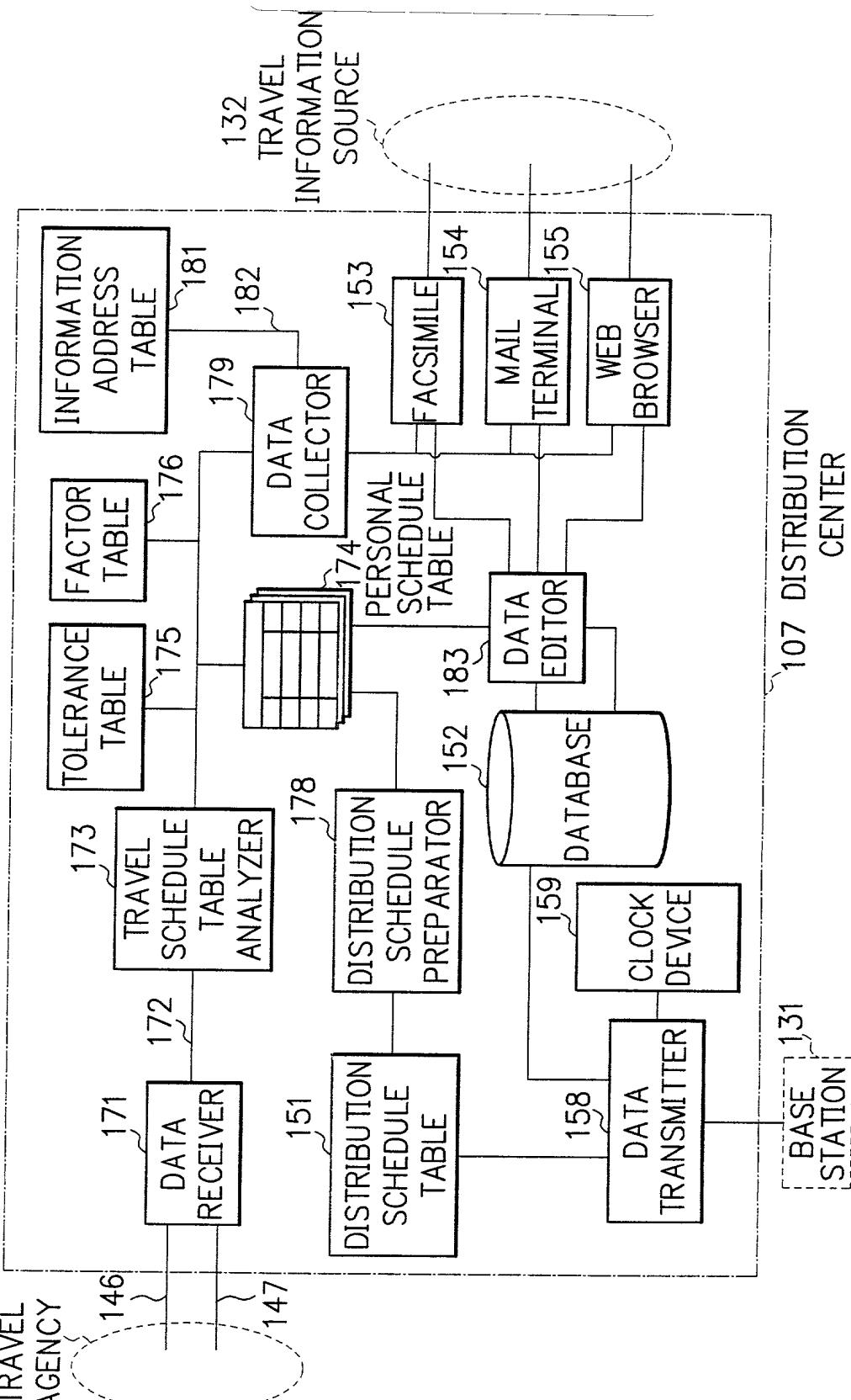
F I G. 5

103 TRAVEL
AGENCY

102

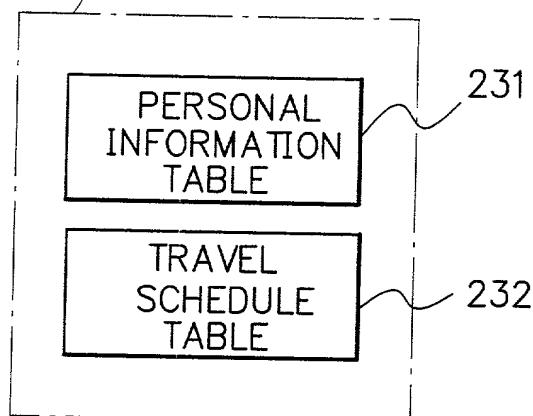
150

Title: TRAVEL INFORMATION
DISTRIBUTION SYSTEM
Inventor(s): Yushi NIWA
DOCKET NO.: 072982/0219



F I G. 6

174 PERSONAL SCHEDULE
TABLE



F I G. 7

PERSONAL SCHEDULE TABLE

231

The table contains the following data:

| | |
|--|------------------------------|
| TRAVEL AGENCY IDENTIFIER | JPN03996BN332 |
| TRAVELER IDENTIFIER | M4511A-0826 |
| WIRELESS TERMINAL COMMUNICATION ADDRESS | 09012345678@mobile.tel.ne.jp |
| TRAVEL SCHEDULE TABLE POINTER | A10-523343-YN |

FIG. 8

TRAVEL SCHEDULE TABLE

232

| # | DATE | TIME | PLACE | KIND | PREVIOUS ACTION | TOLERANCE | FACTOR | STORAGE PLACE (LOCAL) | FINISH |
|---|---------------|-------|---------------------------|---------------------|----------------------|-----------|--------|--------------------------|--------|
| 1 | APRIL 7, 2000 | 06:00 | TOYAMA STATION (T00231) | STATION MAP (S-MAP) | TRAIN MOVING (TRAIN) | 00:05 | 1.0 | /local/db/map001.dat | "1" |
| 2 | APRIL 7, 2000 | 07:20 | NANAO HOT SPRING (T01551) | BREAKFAST (M-MNU) | BUS MOVING (BUS) | 00:10 | 1.0 | /local/db/map002.dat | "0" |
| 3 | APRIL 7, 2000 | 07:20 | NANAO HOT SPRING (T01551) | GIFT (SHOP) | BUS MOVING (BUS) | 00:10 | 1.0 | /local/db/Shop05.dat | "0" |

FIG. 9

175 TOLERANCE TABLE

| PREVIOUS ACTION | REFERENCE TOLERANCE |
|--|---------------------|
| TRAIN MOVING(TRAIN) | 00:05 |
| BUS MOVING(BUS) | 00:10 |
| DOMESTIC AIRPLANE MOVING(D-PLANE) | 00:20 |
| INTERNATIONAL AIRPLANE MOVING(I-PLANE) | 01:00 |
| GROUP HOTEL DEPARTURE | 00:15 |
| PERSONAL HOTEL DEPARTURE | 00:30 |
| ----- | ----- |

FIG. 10

176 FACTOR TABLE

| DATE | FACTOR |
|--------------|--------|
| ----- | ----- |
| APRIL 4,2000 | 1.1 |
| APRIL 5,2000 | 2.0 |
| APRIL 6,2000 | 2.0 |
| APRIL 7,2000 | 1.0 |
| APRIL 8,2000 | 1.0 |
| ----- | ----- |

F 1 G. 11

181 INFORMATION ADDRESS TABLE

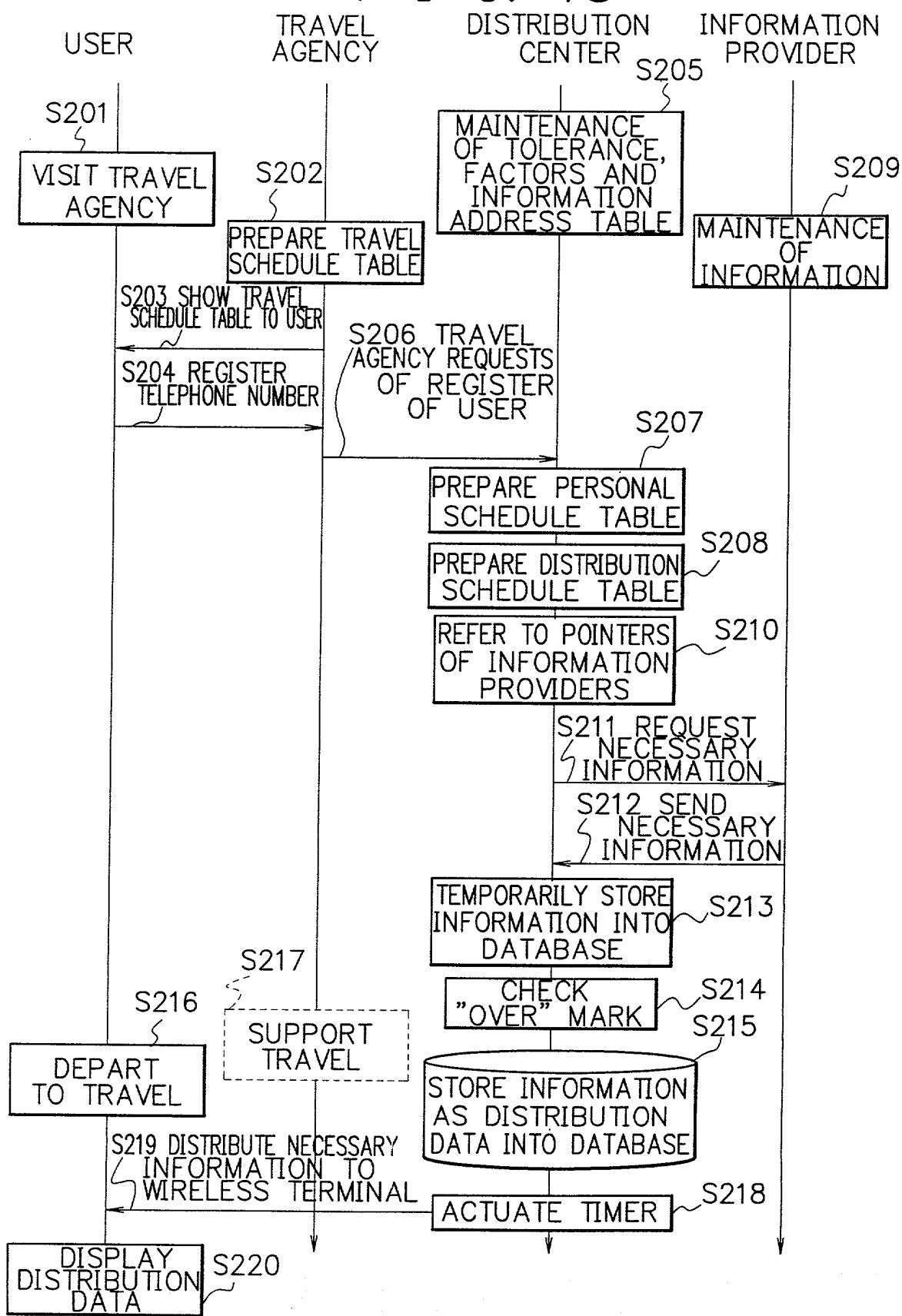
| INFORMATION ITEM | ACCESS MEANS | INFORMATION SOURCE POINTER |
|---|--------------|---|
| JR HIGASHISHINJO STATION TIMETABLE | WWW | http://www.jr-e.co.jp/timetables/shin.. |
| JR TOYAMA STATION PRECINCTS MAP | WWW | http://www.toyama.go.jp/kanko/map/to.. |
| JR TOYAMA STATION TIMETABLE | WWW | http://www.jr-e.co.jp/timetables/toya.. |
| --- | --- | --- |
| NANAO HOT SPRING DRIVE-IN BREAKFAST | FAX | 012-345-6789#12 |
| NANAO HOT SPRING INNS ROOM VACANCY SITUATION | WWW | http://www.toyama.go.jp/onsen/nanao/.. |
| --- | --- | --- |

F I G. 12

151 DISTRIBUTION SCHEDULE TABLE

| DATE | TIME | TRAVEL SCHEDULE TABLE POINTER | # |
|--------------|--------|----------------------------------|---|
| APRIL 7,2000 | 05: 30 | B09-887599-KA | 9 |
| APRIL 7,2000 | 05: 55 | A10-523343-YN | 1 |
| APRIL 7,2000 | 05: 55 | A10-523344-AN | 1 |
| APRIL 7,2000 | 05: 55 | A10-523345-II | 1 |
| APRIL 7,2000 | 07:10 | A10-523343-YN | 2 |
| ----- | ----- | | |

F I G. 13



F I G. 14

PREPARATION OF DISTRIBUTION SCHEDULE TABLE

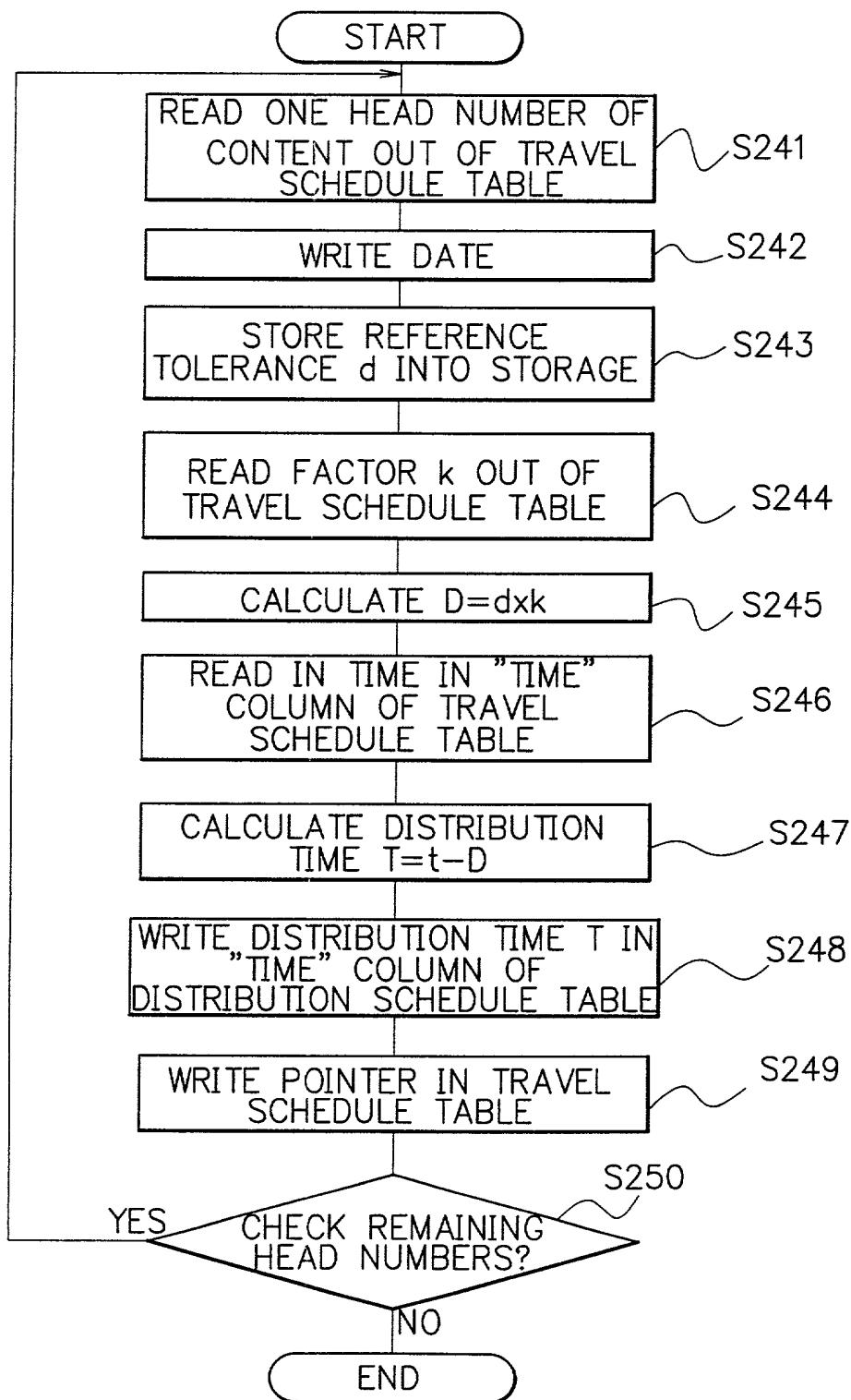
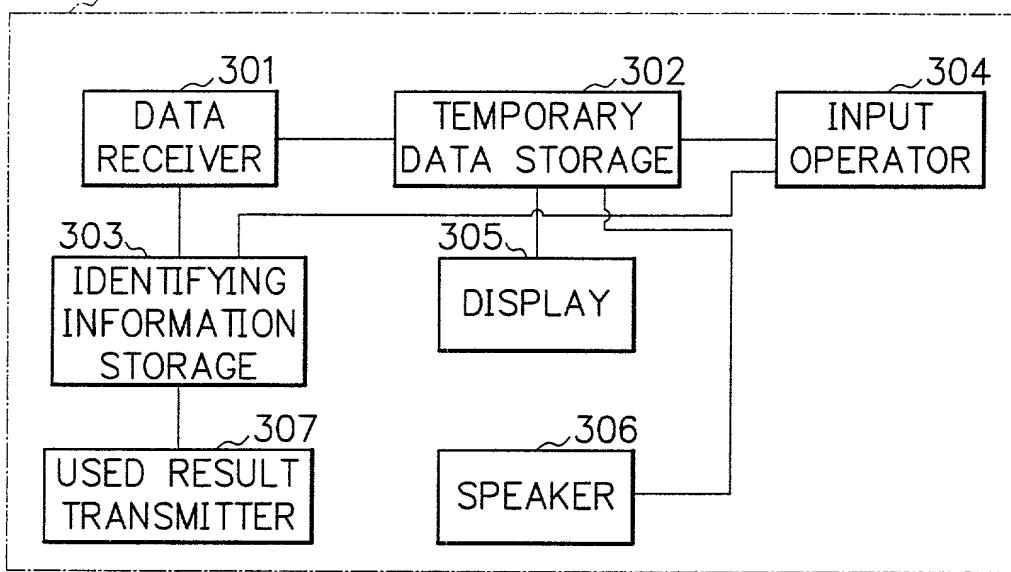
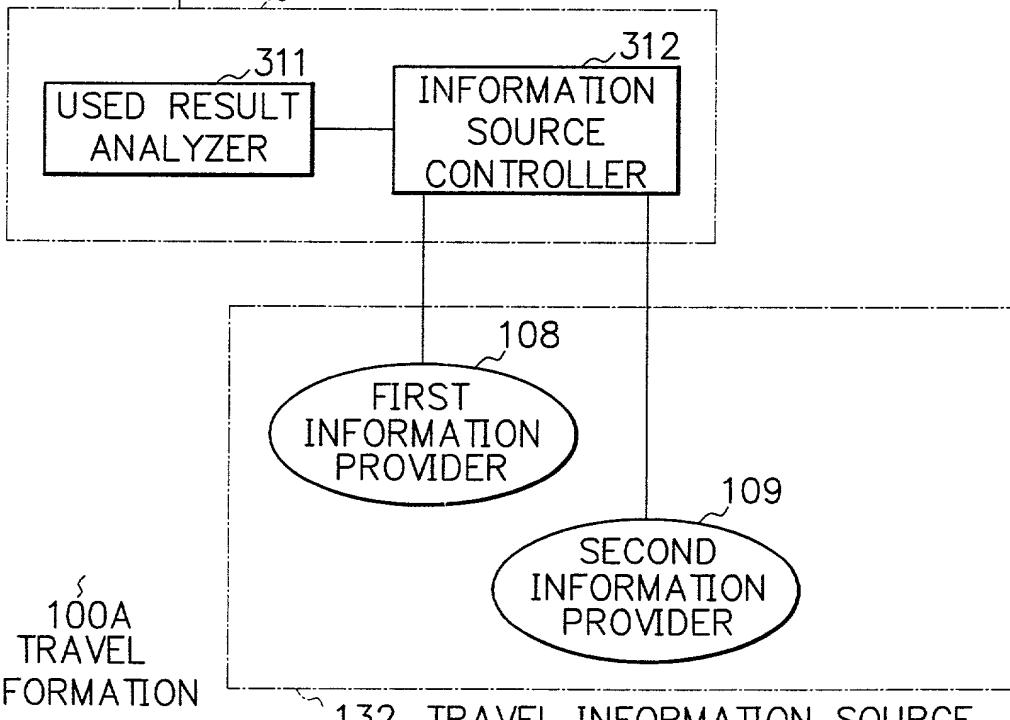


FIG. 15

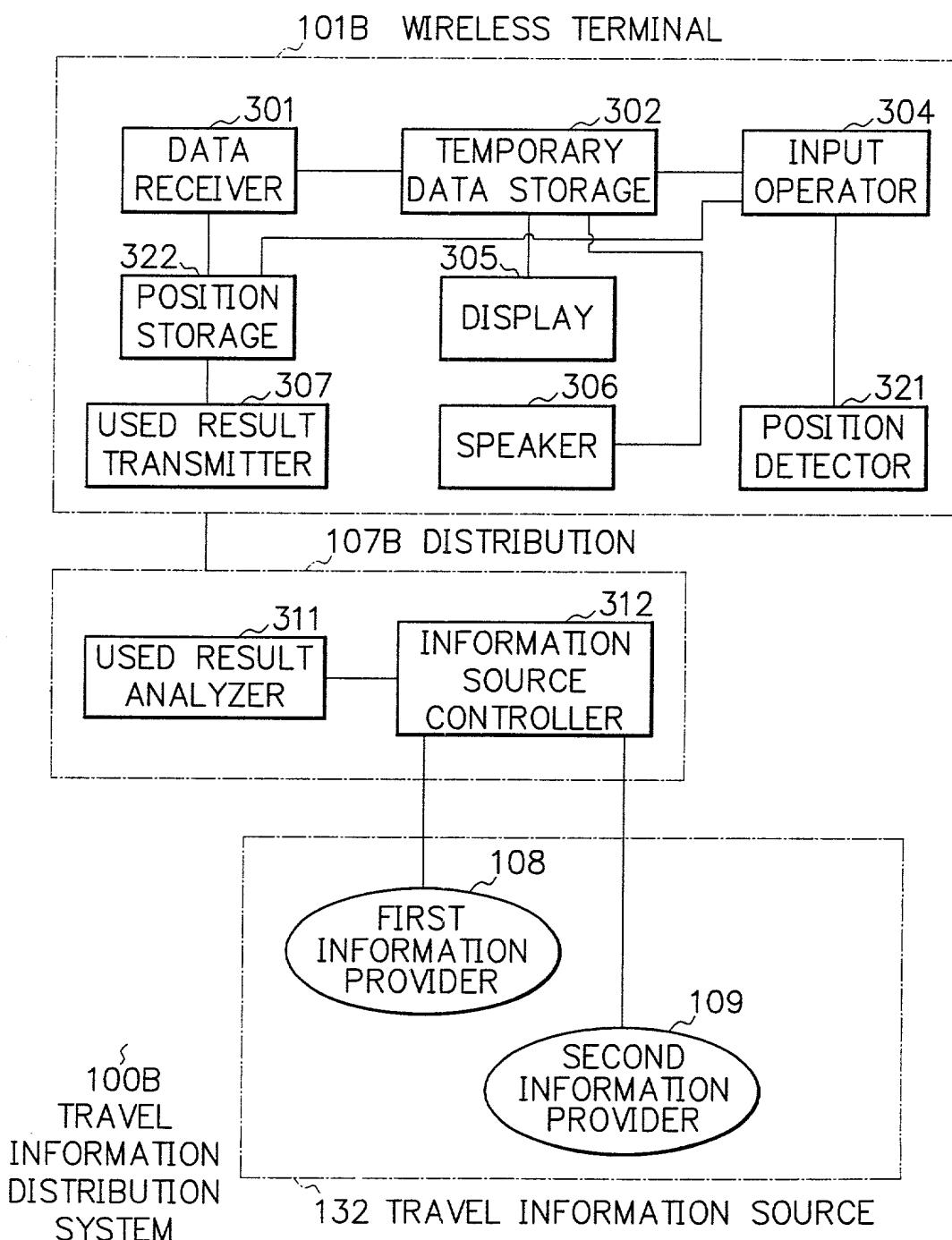
101A WIRELESS TERMINAL



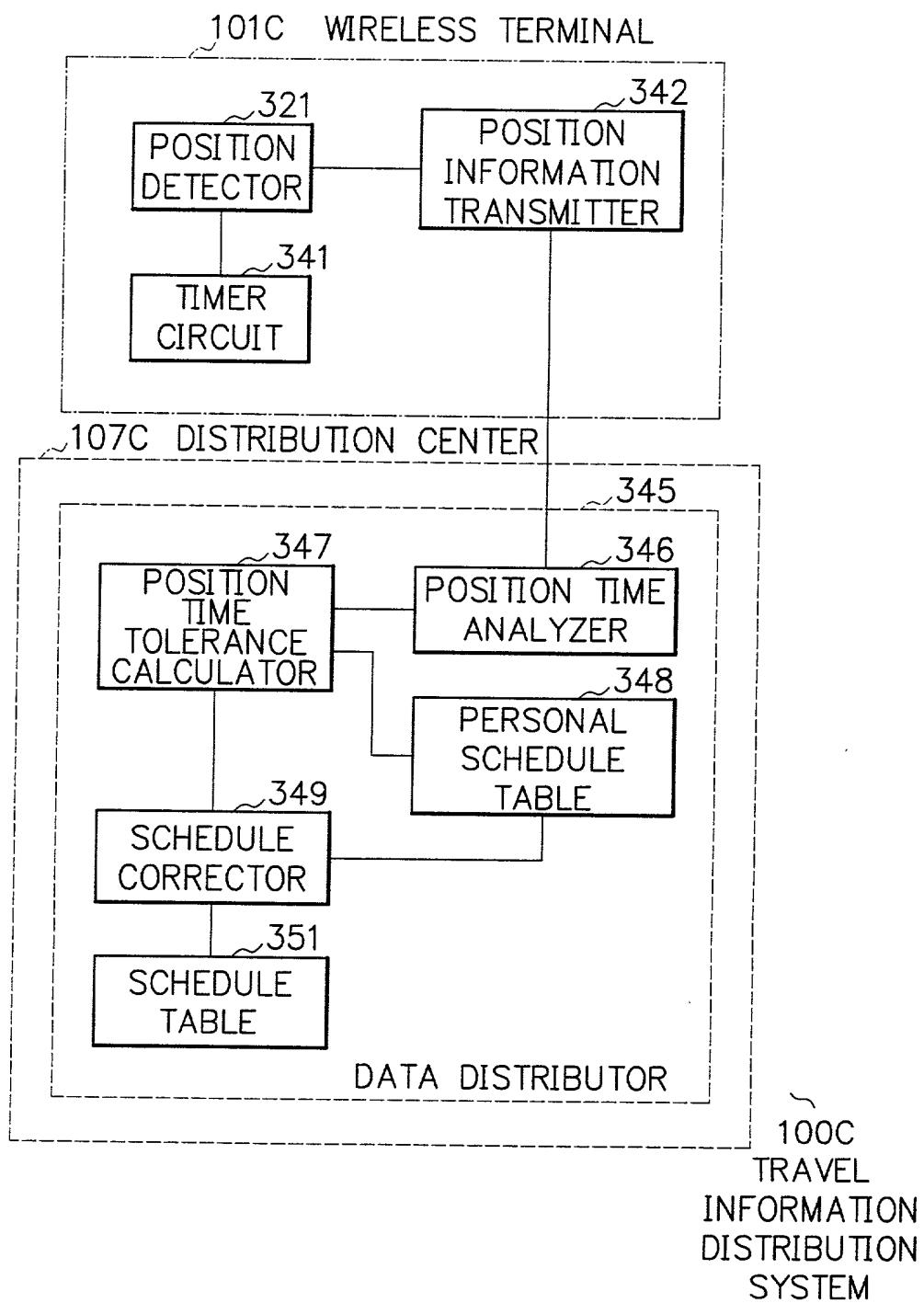
107A DISTRIBUTION CENTER



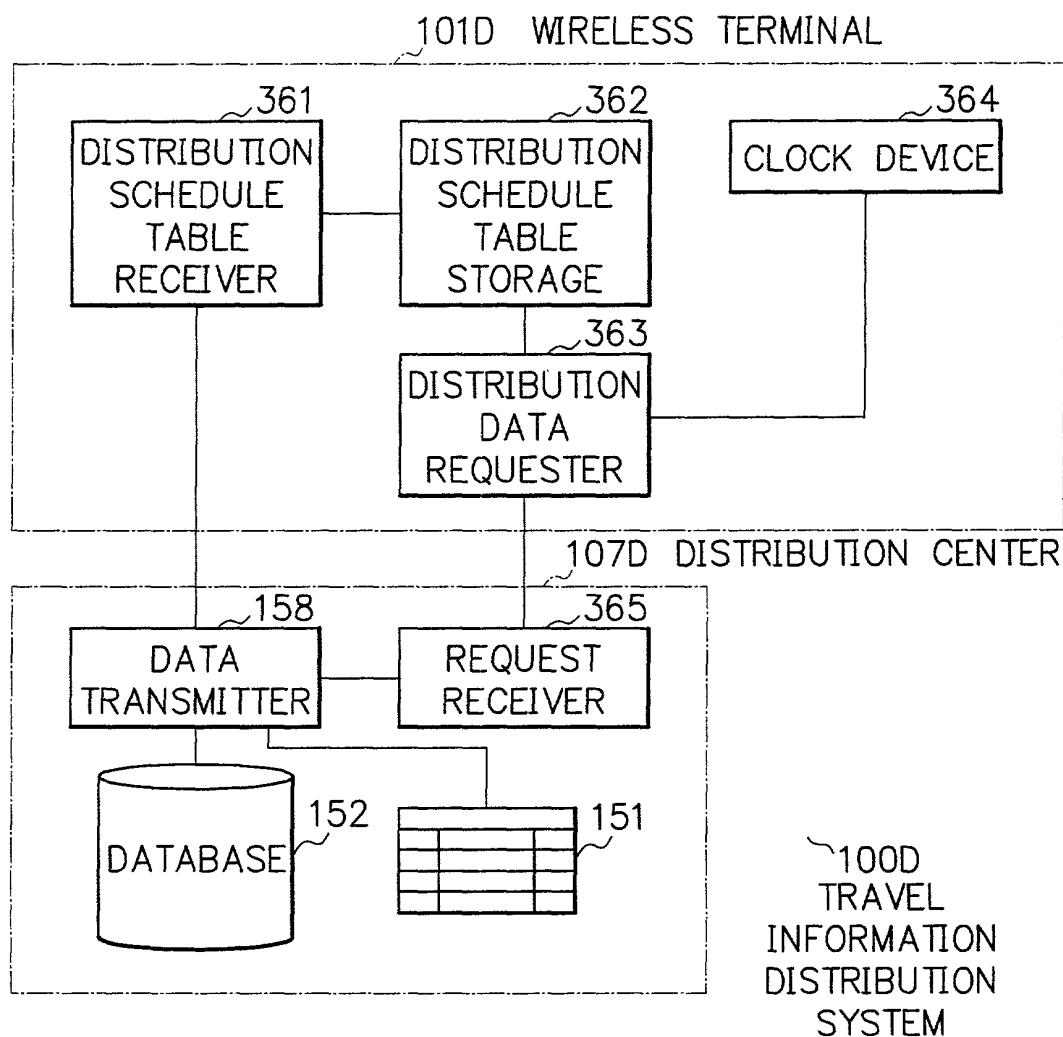
F I G. 16



F I G. 17

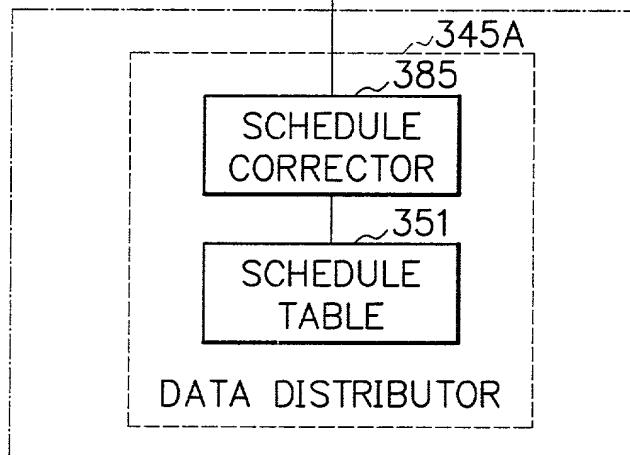
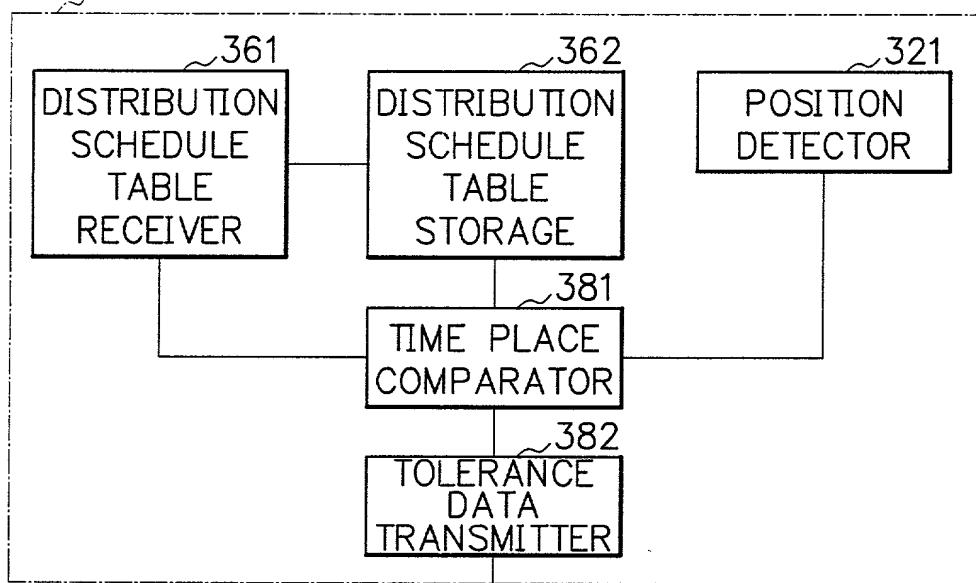


F I G. 18



F I G. 19

101E WIRELESS TERMINAL



100E
TRAVEL
INFORMATION
DISTRIBUTION
SYSTEM

107E DISTRIBUTION CENTER

F I G. 20

391

| TIME BAND | FACTOR |
|-------------|--------|
| ----- | ----- |
| 06:00-07:00 | 1.5 |
| 07:00-8:30 | 1.8 |
| 08:30-09:30 | 3.0 |
| 09:30-11:00 | 2.2 |
| 11:00-13:00 | 1.3 |
| ----- | ----- |

F I G. 21

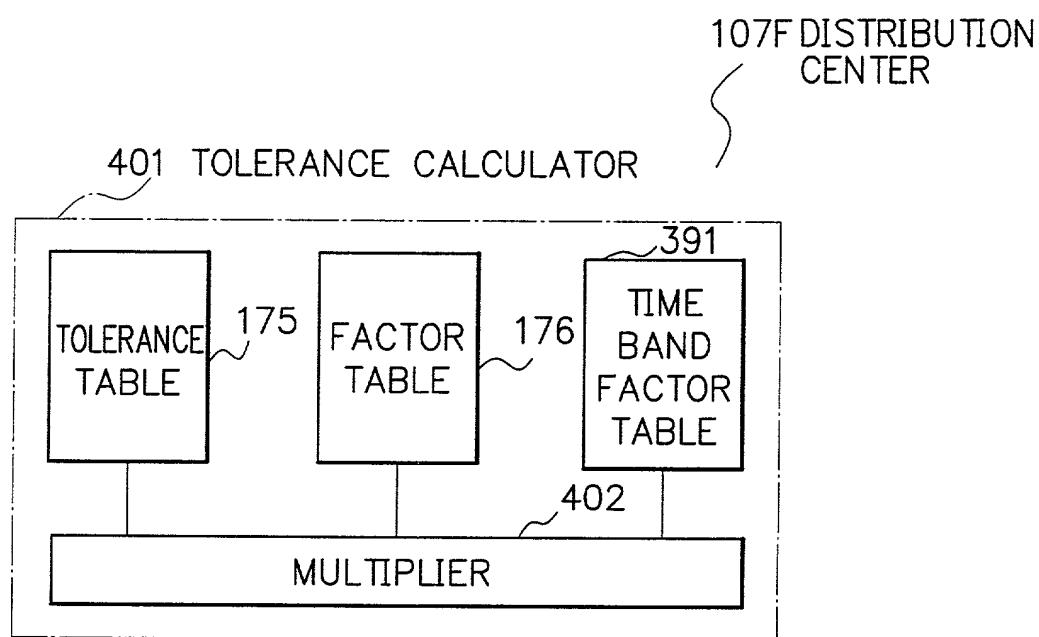
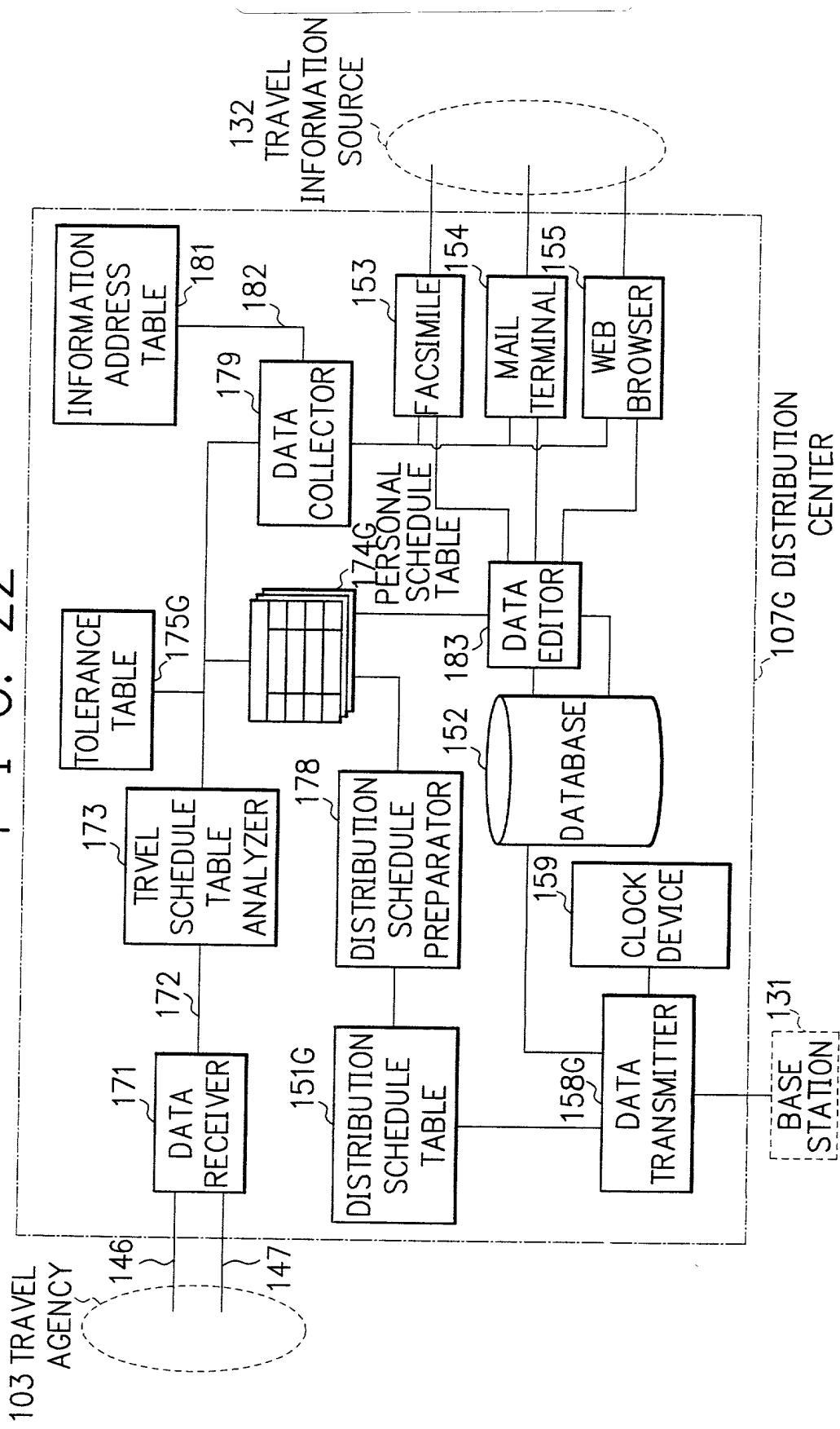


FIG. 22



F I G. 23

175G TOLERANCE TABLE

| PLACE | LONGITUDE & LATITUDE | TOLERANCE |
|---------------------------------|-----------------------------|-----------|
| TOYAMA STATION (T00231) | E137.12.58.5 N36.41.54.0 | 0.0.1 |
| NANAO HOT SPRING (T01551) | E136.57.1.7 N37.2.19.3 | 0.0.5 |
| NANAO HOT SPRING (T01551) | E136.57.1.7 N37.2.19.3 | 0.0.5 |
| ----- | ----- | ----- |

F 1 G. 24

Title: TRAVEL INFORMATION
DISTRIBUTION SYSTEM
Inventor(s): Yushi NIWA
DOCKET NO.: 072982/0219

151G DISTRIBUTION SCHEDULE TABLE

| # | DATE | TIME | PLACE | LONGITUDE & LATITUDE | TOLERANCE | STORAGE PLACE (LOCAL) | KIND | FINISH |
|---|---------------|--------|---------------------------|-----------------------------|-----------|-----------------------|---------------------|--------|
| 1 | APRIL 7, 2000 | 06: 00 | TOYAMA STATION (T00231) | E137.12.58.5 N36.41.54.0 | 0.0.1 | /local/db/map001.dat | STATION MAP (S-MAP) | "1" |
| 2 | APRIL 7, 2000 | 07: 20 | NANAO HOT SPRING (T01551) | E136.57.1.7 N37.2.19.3 | 0.0.5 | | BREAKFAST (M-MNU) | "0" |
| 3 | APRIL 7, 2000 | 07: 20 | NANAO HOT SPRING (T01551) | E136.57.1.7 N37.2.19.3 | 0.0.5 | /local/db/Shop05.dat | GIFT (SHOP) | "0" |

F I G. 25

